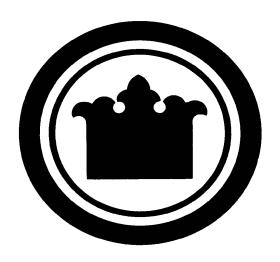
# QUARTERLY ECONOMIC REPORT 1st Quarter 2005



KING COUNTY
OFFICE OF MANAGEMENT AND BUDGET

#### **SUMMARY**

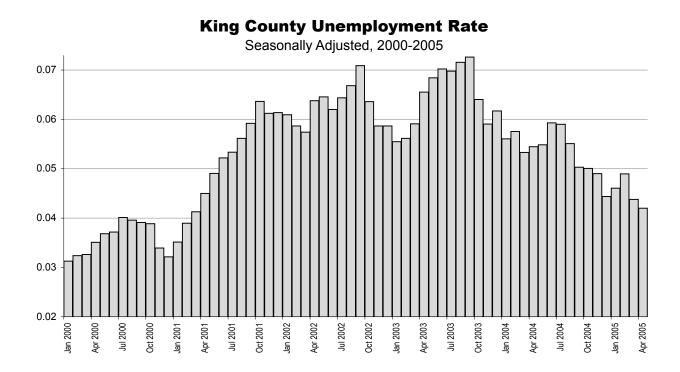
Weathering most challenges, national economic growth has proven resilient, if somewhat inconsistent. Volatile energy prices and unusual currency speculation in asian markets could presage longer term problems, but immediate conditions are indicative of steady, if somewhat modest, growth.

Despite mixed national news, the local outlook for 2005 remains bright. From Boeing's success in securing orders for the new 787 passenger jet to the improving local employment market, the region has finally ended the ambiguity surrounding recovery from the 2001 recession.

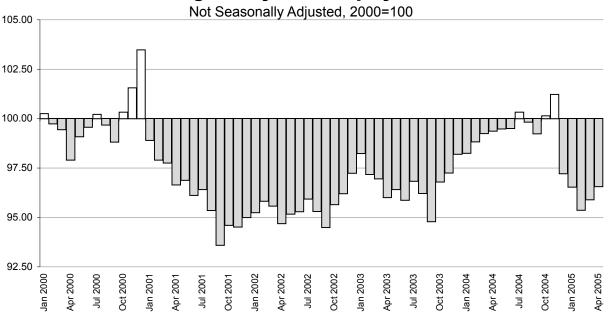
#### **REVIEW OF ECONOMIC CONDITIONS**

Recent economic news confirms budget office assumptions of steady but lackluster growth. Estimated first quarter gross domestic product growth was revised from an initial estimate of 3.1 percent to 3.5 percent. Fourth quarter growth was 3.8 percent. While short of the 4.0 to 4.5 percent growth necessary to generate sustainable employment growth, the numbers are nonetheless reassuring in light of speculation that the economy had entered a "soft patch" of diminished growth.

After briefly flirting with the \$60 per barrel threshold in April, energy prices appear to have stabilized around \$51. Although sustained crude prices over \$50 per barrel can be expected to adversely effect the economy, core prices have proven remarkably resistant to inflation. With growing global demand and tight supplies, there is no end in sight to energy price fluctuations.

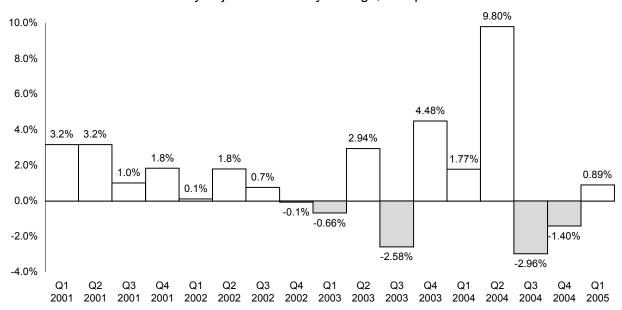


## **King County Total Employment**



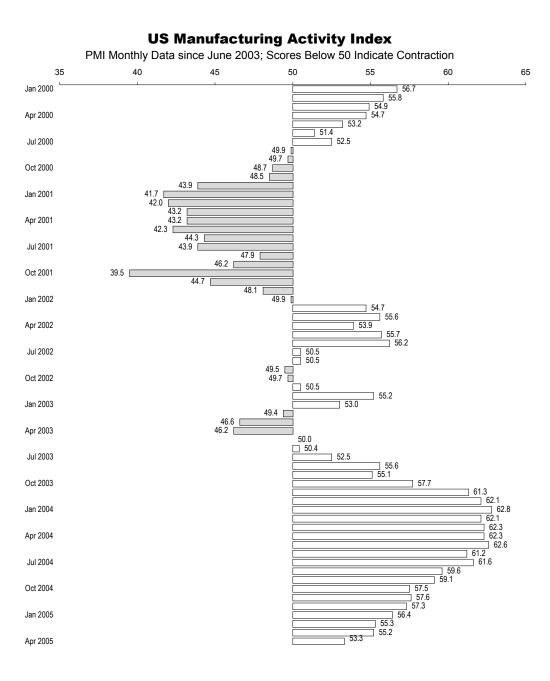
### **US Private Residential Construction**

Seasonally Adjusted Quarterly Change, Completed Units

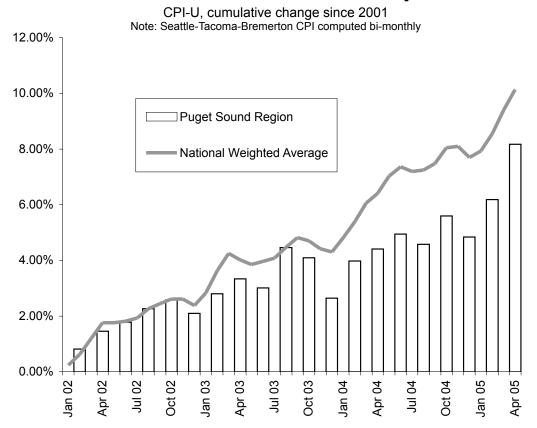


Factoring in energy price increases, the national consumer price index was up an annualized 6.9 percent through the first four months of 2005. Inflation grew at a similar annualized rate of 5.9 percent for the first half of 2004, before receding in the second half of the year. Retail gasoline prices are a bit higher than current future contracts, suggesting that at least some relief to inflationary pressure is on the horizon.

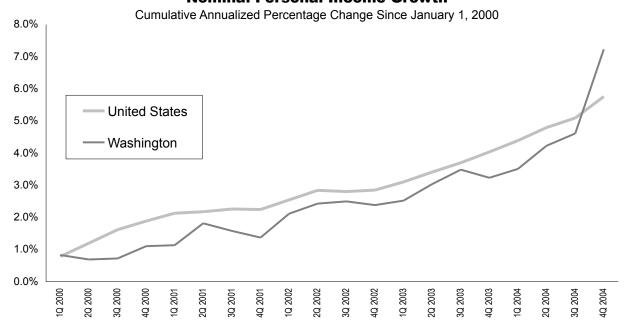
There has been little improvement to national employment numbers, but the local recovery continues. Unemployment in King County through March has returned to January's level of 4.6 percent, down from February's 5.1 percent. Seasonally adjusted, however, unemployment is at 4.4 percent, the lowest level in four years.



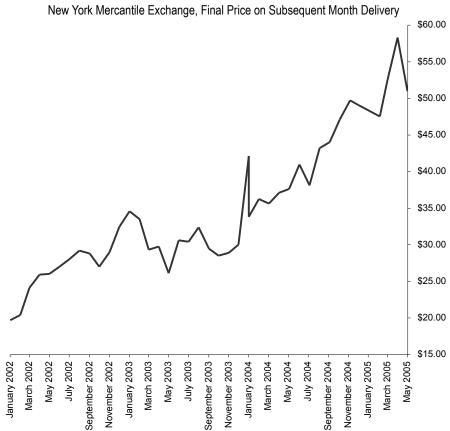
# **National and Local Inflation Comparison**



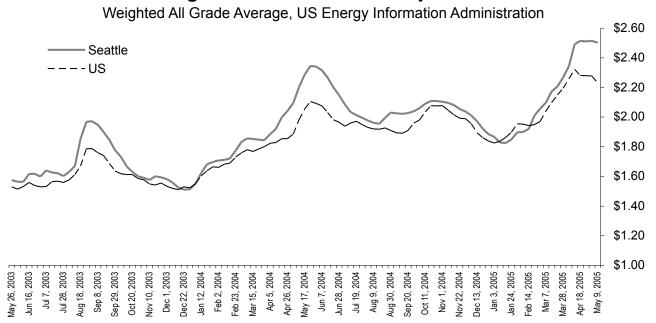
#### **Nominal Personal Income Growth**



## **Light, Sweet, Crude Oil Futures Price**



## **Average Retail Gasoline Price per Gallon**



Considerable economic strength in both real estate and construction is tied to long term interest rates. The virtually unprecedented disconnect between rising short term rates and historically low mortgage rates has been attributed to a variety of causes, from the growing capital account surplus with China to outflows into bonds from equity markets.

On May 3<sup>rd</sup>, the Open Market Committee raised the federal funds rate 25 basis points for the eighth time in as many meetings. The Federal Reserve's dilemma is growing: raise short term rates further to boost long term bond yields and risk contracting the money supply, or allow long term rates to remain artificially low and allow a possible speculative bubble in real estate to continue to build. Future markets are assuming just a 15 basis point increase in the federal funds rate over the next six months, belying the lack of consensus on how to proceed.

#### SPECIAL REPORT:

## **State Pension Policy**

Employer and employee contribution rates to the Public Employees Retirement System are determined by the legislature. PERS I, II, and III employer contribution rates are the same, but support very different programs.

PERS II employer contribution rates are designed to fully fund the PERS II liability, plus an additional amount to compensate for the typical two-year delay between valuation and imposition of new rates.

Since 1989, the rate for PERS II has also included an additional amount to amortize the Unfunded Accrued Actuarial Liability (UAAL) for PERS I, although in recent years this rate has been omitted by the legislature. Employer contributions for all PERS participants are first allocated to the PERS II/III fund. Once this liability is fully covered, the remainder is allocated to PERS I, under the present goal of full amortization by June 2024. Increases in the PERS I UAAL therefore affect employer contribution rates for PERS II/III participants.

Since 2001, the legislature has used a variety of mechanisms to keep employer contribution rates artificially low. Recent liability calculations have been based on the 2000 actuarial valuation in conjunction with the 1995-2000 investment experience study, effectively assuming a continuation of the exceptional growth of the late 1990s. As a consequence, contribution rates over the past four years have been extremely low by both historic standards and relative to actual market conditions.

For the second consecutive biennium, the legislature has suspended payment against the PERS I Unfunded Actuarial Accrued. In 2003, the Office of the State Actuary valued the PERS I UAAL at \$2.62 billion, a liability directly linked to low market returns. Similarly, payments to cover gain-sharing as a material benefit have been suspended since 2003 to maintain lower employer contribution rates.

Changes in economic assumptions have provided further impetus for low employer contribution rates, even when contradicted by recent market performance. In 2001, the legislature raised the interest rate

## **Recent Pension Methodology Changes**

2005

#### **Pension Funding Methodology**

ESHB 1044 - Effective 7/1/05

Delays employer pension contribution rate increases to hold costs below actuarially recommended levels during the 2005-2007 biennium. Future employer contributions will have to be higher to recapture this shortfall.

The legislation also delays funding of gain-sharing benefits until 2007-2009, and explicitly mandates reliance on a 2002 investment experience study of 1995-2000 results, coinciding with the run up of internet and technology startups of the late 1990s while ignoring the subsequent downturn in equity markets after 2000.

2004

#### **Asset Smoothing Corridor**

SB 6249

The stated purpose for this legislation is to prevent wild fluctuation in employer pension contribution rates. The practical effect is to hold rates at historic lows, diluting actuarial recommendations by limiting annual market valuation changes.

#### Public Safety Employees Retirement System II

HB 2537

Public Safety Employees Retirement System II created from members of the Public Employee Retirement System.

#### Increased minimum benefit changes

SHB 2538

Increased minimum benefits for PERS I and TRS I members retired at least 20 years with at least 25 years of service. Funded on a pay as you go basis, this legislation had the effect of increasing unfunded pension liabilities by \$1.8 million.

2003

#### **Altered Asset Valuation Methodology**

EHB 2254 - Effective 7/1/03

Spreads recognition over eight years of market performance variance from the assumed investment rate of return.

2001

#### Pension policy assumptions

ESSB 6167 – Effective 7/1/01, some sections 7/1/02

Altered economic assumptions (increased salary growth and investment return), while introducing asset value smoothing to spread recognition of 2000-2001 equity market declines over four years.

1998

#### **Gain Sharing**

**ESHB 2491** 

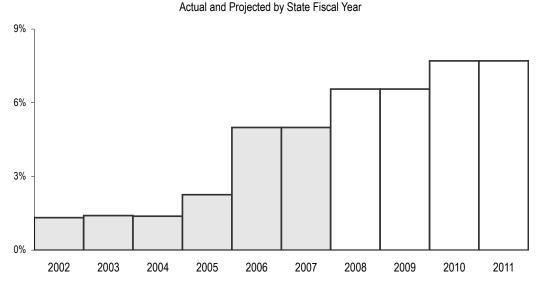
Allocates 4-year compound average market returns in excess of 10 percent to increased benefits and accelerate amortization of PERS I costs.

assumption 50 basis points to eight percent just as equity markets fell dramatically on the eve of a dramatic decline in long term interest rates. No correction has been made in the intervening four years.

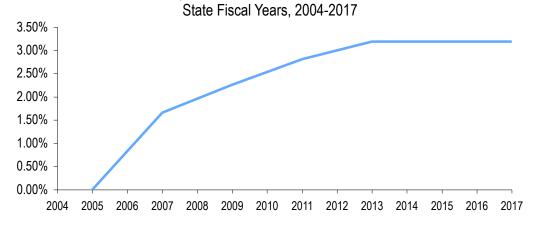
With employer contribution rates at or near all-time lows, the legislature has reduced and delayed increases under the guise of making rates more predictable. As a consequence, employer contribution rates will remain at low, unsustainable levels through the 2005-2007 biennium, even applying optimistic actuarial valuation, economic assumptions, and suspended UAAL and gainsharing payments.

In both 2001 and 2003 the legislature adopted asset value smoothing techniques. In 2001, Senate Bill 6167 directed valuations of assets that vary from long-term assumptions to be recognized over four years. In 2003, House Bill 2254 extended certain asset valuation periods up to eight years. Negative effects are muted by initiating this policy during a period of poor market returns, keeping employer contribution rates low. In the long term, this type of asset smoothing will lead to more predictable and stable rates, but the reverse is the case when taken in concert with unsustainable employer contribution rates.

# PERS Employer Contribution Rates

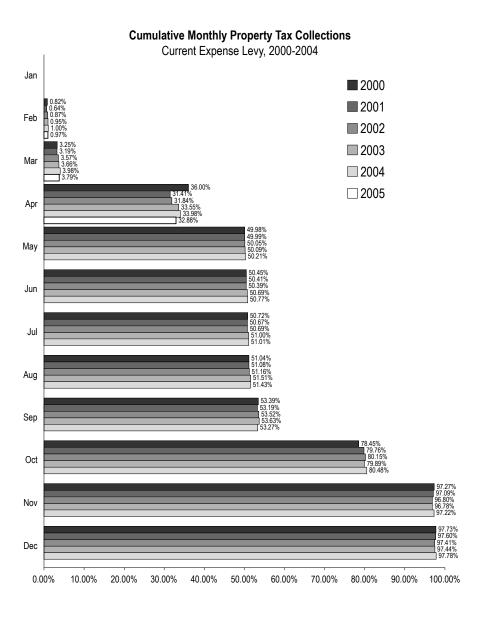


# **Projected PERS I UAAL Rate**



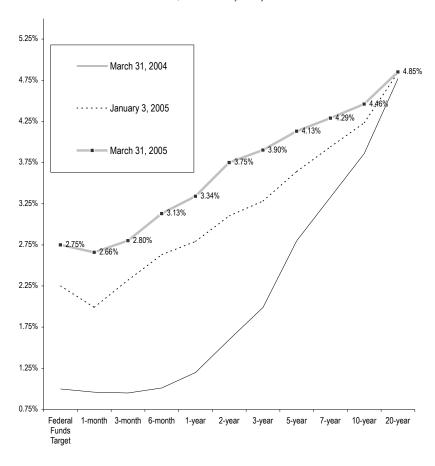
In 2004, Senate Bill 6249 established a smoothing corridor of thirty percent; this means that the actuarial value of the assets may not deviate by more than thirty percent (positively or negatively) from the market value of the assets. Ironically, this strategy would have kept contribution rates higher starting in 2001, which would have reduced the impact of delayed or phased rate increases. Undertaken now, it is merely another sidestep of recent poor market performance.

Under any methodology, employer contribution rates will necessarily have to rise to meet PERS obligations. Through recent legislation the state has chosen to delay payments against this obligation, substantially increasing future costs in exchange for smaller immediate savings.

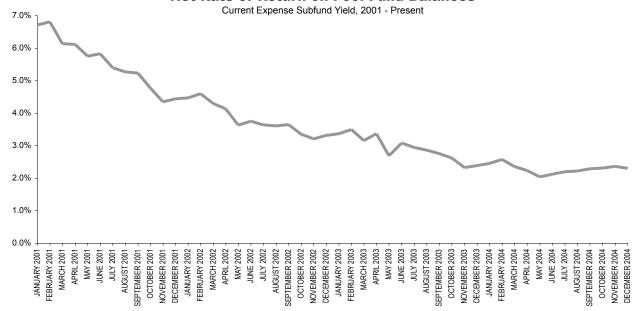


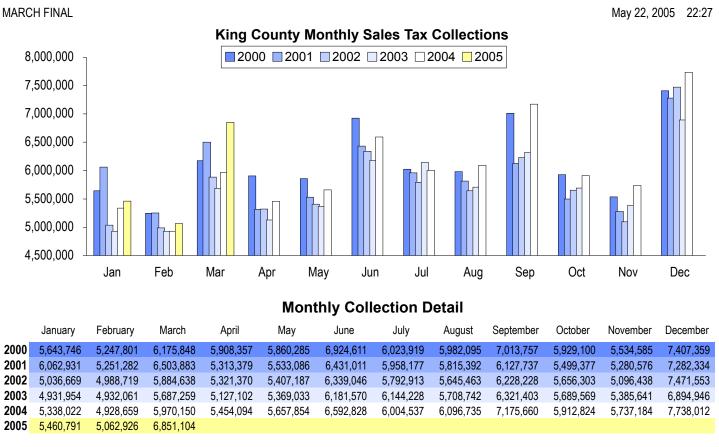
#### **US Government Securities Yield Curve**

Close of market bids, Constant Treasury Maturity Yields

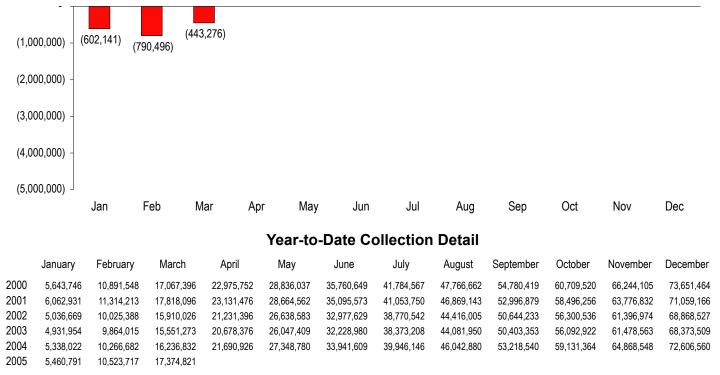








#### Year-to-Date 2005 Variance from 2000-2001 Peak



<sup>\*</sup> Data presented are total local option sales tax collections less Department of Revenue 1 percent administration fee. 90.4 percent of County sales tax receipts are deposited in the current expense fund. The remainder are dedicated to the Sales Tax Contingency Reserve (5.0 percent) and the Children and Families Set-Aside (4.6 percent).

#### REVIEW OF REVENUE COLLECTIONS

Sales tax collections for the first three months of 2005 are running 7 percent ahead of the same period in 2004. While it is too early to revise the forecast, the year-to-date performance is nonetheless welcome news.

Regular property tax collections in the Current Expense Subfund were at 32.88 percent of the 2005 levy as of the end of April. This collection pace is slightly ahead of the average for the last four years.

Investment pool yield rates have exceeded forecasted levels by 9.5 basis points through the end of April, with a rate of return of 2.80 percent. Cash balances in the Current Expense subfund remain strong, running a monthly average of \$55.4 million ahead of forecast through the first third of the year.

#### **ECONOMIC FORECAST**

The outlook for 2005 is largely unchanged. Strengthening local labor conditions more than offset concerns about inflationary pressures or uneven national growth.

## **Economic Assumption Summary**

Percentage Change from Preceding Year

	2001	2002	2003	2004	2005	2006	2007	2
King County								
Employment	-3.9%	-0.6%	-0.7%	1.4%	2.7%	2.5%	2.0%	
Nominal Personal Income	1.7%	1.5%	2.0%	4.4%	5.5%	6.0%	5.3%	
Housing Starts	-2.9%	32.9%	9.9%	5.8%	-0.3%	-11.0%	0.5%	
Population	1.1%	1.0%	0.3%	0.5%	0.9%	0.9%	0.9%	
Consumer Price Index *	3.7%	1.9%	1.6%	2.5%	2.4%	2.5%	2.3%	
COLA **	3.11%	2.32%	2.00%	2.03%	2.19%	2.34%	2.10%	2
Washington State								
Employment	-2.9%	1.7%	0.6%	1.7%	2.2%	1.9%	2.0%	
Nominal Personal Income	2.6%	3.4%	3.5%	4.4%	5.3%	5.5%	5.2%	
Housing Starts	-1.7%	4.8%	6.5%	15.0%	1.2%	-7.9%	-1.1%	-
United States								
Employment	0.2%	-1.1%	-0.3%	1.1%	2.0%	1.6%	1.6%	
Nominal Personal Income	3.3%	2.7%	3.3%	5.6%	5.8%	5.5%	5.0%	
Housing Starts	2.0%	6.5%	8.2%	2.7%	1.8%	-7.3%	-4.5%	-
Three-month Treasury Yield	-22.0%	-47.1%	-11.3%	34.0%	51.3%	18.8%	9.5%	
Consumer Price Index	2.8%	1.6%	2.3%	2.7%	2.7%	2.4%	2.6%	
Real GDP	0.3%	2.4%	2.7%	4.4%	3.3%	2.8%	3.0%	

<sup>\*</sup> Puget Sound region